DEFENSE TRANSPORTATION TRACKING SYSTEM (DTTS) II

MARINE CORPS TACK-ON
9 Apr 09

Mr. Edgar H. Suckfiel
LPD

Agenda

- Background
- DTTS II History
- DTTS Organization
- DTTS II Services
- System Functionality
- System Enhancements
- Next Step

Background

- Current DTTS II policy promulgated in DTR 4500.9R "Defense Transportation Regulation.

- Provides guidance for the safe and secure movement of DOD Arms, Ammunition and Explosives (AA&E) and Hazardous Materials (HAZMAT) shipments moving within the Defense Transportation System (DTS).

DTTS II History

- DTTS II is currently managed by USTRANSCOM at Scott AFB.
- In Dec 07, DTTS was merged under the Intelligent Road Rail Information System (IRRIS).
- DTTS II monitors some 73K Service sponsored shipments per year.
- DTTS II provides satellite tracking and monitoring of shipments via motor, rail and barge CONUS wide 24 hrs a day.
- DTTS II is directly funded by the Military Services.
- The system is located at USTRANSCOM headquarters at Scott AFB with an operating budget of $2.1M per year.

DTTS Organization

- DTTS II program priorities are provided by a Joint Service Working Group (JSWG) through a Memorandum of Understanding (MOU).

- The Council of Colonels and Captains (COCC).

- The Flag Level Steering Group.

DTTS II Services

- DTTS II mergers the capabilities of IRRIS to provide a 360 view of DOD shipments. Current system provides the following capabilities:

- Emergency response accident and incident reporting.

- Electronic Geographical geo fencing.

- Refuge and Safe Haven assistance.

- Weather and Traffic reporting.

System Functionality

- Transducer equipped tractors are satellite monitored throughout the shipment process.

- Driver has ability to hit a single stroke panic button in case of emergency.

- Driver can transmit text messages over the system in the event of an emergency.

- Earth station and the DTTS central site report truck and barge positions ever 15 minutes or greater.

- DTTS system plots truck location and expedites the dispatch of police and EOD.

System Enhancements

- Trailer Tracking.
- Impact and attitude sensors.
- Linkage of Radio Frequency Identification Tags (RFID) to Satellite transducer.
- Driver Biometrics keys for vehicles.
- Satellite and driver remote vehicle activation.
- Tractor fifth wheel detachment detectors with satellite activation.

NEXT STEPS

- As program expands, continue to refine mission, scope and responsibilities.

- Continue to refine resource requirements including manpower and funding.

- Improve internal and external relationships.

- Continue to upgrade and make system enhancements while improving training.